

PATENT APPLICATION  
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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

5      Applicant(s): **MASUDA et al.** )  
Serial No.: **Not Yet Assigned** )  
10     Filing Date: **Herewith** )  
Title: **OPTICAL FIBER AMPLIFIER  
AND OPTICAL  
COMMUNICATION SYSTEM  
USING THE SAME** )  
15     Group )  
Art Unit: **Not Yet Assigned** )  
Examiner: **Not Yet Assigned** )  
  
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## **PRELIMINARY AMENDMENT**

Commissioner of Patents  
Washington, D.C. 20231

25 D. S.

Prior to examination of this new U.S. patent application, Applicants respectfully submit the following amendments and remarks to be entered into this patent application. For the convenience of the examiner and the Office the entire set of claims for this application is provided herewith. A marked-up copy of the claims as amended by this Amendment is submitted herewith.

## IN THE CLAIMS:

Please amend claims as follow:

35 1. An optical fiber amplifier comprising:  
two laser sources emitting pump light beams of wavelengths different from each other;

and  
a tellurite fiber pumped with the pump light emitted from said two laser sources;  
wherein the absolute difference in wavenumber between said pump light beams  
emitted from the two laser sources is  $125\text{-}290\text{cm}^{-1}$ .

2. The optical fiber amplifier as claimed in claim 1, further comprising a coupler that combines the pump light beams emitted from said two laser sources.